

Table C-24. Federal obligations for research in physical and environmental sciences, by agency and detailed field of science: fiscal year 1999

[Dollars in thousands]

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Agency and subdivision	Physical sciences					Environmental sciences				
	Total	Astronomy	Chem- istry	Physics	Physi- cal sci- ences, n.e.c.	Total	Atmos- pheric	Geo- logical	Ocean- ography	Environ- mental sciences, n.e.c.
Total, all agencies	4,066,156	757,859	814,936	2,221,916	271,445	3,095,261	1,176,493	660,169	656,599	602,000
Departments:										
Department of Agriculture, total	89,502	0	84,854	4,648	0	10,031	8,908	1,123	0	0
Agricultural Research Service	60,850	0	57,951	2,899	0	3,936	3,830	106	0	0
Cooperative State Research, Education, & Extension Service	19,872	0	19,872	0	0	1,130	1,130	0	0	0
Forest Service	8,780	0	7,031	1,749	0	4,965	3,948	1,017	0	0
Department of Commerce, total	116,534	384	48,654	67,165	331	297,394	119,712	8,316	107,620	61,746
Nat'l Inst of Standards & Tech	91,473	384	35,557	55,201	331	883	0	883	0	0
Nat'l Oceanic & Atmospheric Admin	25,061	0	13,097	11,964	0	296,511	119,712	7,433	107,620	61,746
Department of Defense, total	405,836	17,140	105,643	224,667	58,386	326,913	51,183	6,832	182,778	86,120
Department of the Air Force	139,149	0	37,199	101,709	241	9,082	4,024	2,133	0	2,925
Department of the Army	56,506	0	16,235	27,482	12,789	90,723	16,309	3,158	0	71,256
Department of the Navy	57,505	0	24,990	18,177	14,338	191,995	14,033	0	169,375	8,587
Defense Agencies, total	152,676	17,140	27,219	77,299	31,018	35,113	16,817	1,541	13,403	3,352
Ballistic Missile Defense Org	32,778	15,000	3,649	14,129	0	0	0	0	0	0
Defense Adv Rsch Projects Agcy	13,731	0	0	13,731	0	6,944	0	0	6,944	0
Defense Threat Reduction Agency	64,277	0	0	33,259	31,018	14,584	14,532	0	0	52
Washington Headquarters Svcs	41,890	2,140	23,570	16,180	0	13,585	2,285	1,541	6,459	3,300
Department of Energy	1,632,032	0	189,606	1,362,546	79,880	311,748	94,793	87,173	5,358	124,424
Dept of Health & Human Svcs, total	203,928	0	181,037	22,891	0	39,369	0	0	0	39,369
National Institutes of Health	203,928	0	181,037	22,891	0	39,369	0	0	0	39,369
Dept of Housing & Urban Development	0	0	0	0	0	395	0	0	0	395
Department of the Interior, total	542	0	500	0	42	415,412	2,054	242,101	18,028	153,229
Bureau of Reclamation	0	0	0	0	0	2,027	0	0	0	2,027
Geological Survey	0	0	0	0	0	390,454	0	241,581	0	148,873
Minerals Management Service	42	0	0	0	42	20,055	823	470	18,028	734
National Park Service	500	0	500	0	0	2,876	1,231	50	0	1,595
Department of Transportation, total	51,381	0	0	47,787	3,594	35,197	26,909	3,780	551	3,957
Coast Guard	0	0	0	0	0	551	0	0	551	0
Federal Aviation Administration	46,292	0	0	46,292	0	21,608	21,608	0	0	0
Federal Highway Administration	5,089	0	0	1,495	3,594	11,938	5,301	3,780	0	2,857
Federal Transit Administration	0	0	0	0	0	1,000	0	0	0	1,000
Research & Special Programs Admin ...	0	0	0	0	0	100	0	0	0	100
Department of the Treasury, total	2,016	0	163	9	1,844	0	0	0	0	0
Bureau of Engraving & Printing	2,016	0	163	9	1,844	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

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	Total	Astronomy	Chem- istry	Physics	Physi- cal sci- ences, n.e.c.	Total	Atmos- pheric	Geo- logical	Ocean- ography	Environ- mental sciences, n.e.c.
Other agencies:										
Environmental Protection Agency	13,150	0	11,498	0	1,652	131,753	56,481	12,277	20,126	42,869
Internat'l Development Cooperation										
Agency, total	0	0	0	0	0	3,290	0	0	0	3,290
Agcy for Internat'l Development ¹	0	0	0	0	0	3,290	0	0	0	3,290
Library of Congress	544	0	435	0	109	0	0	0	0	0
National Aeronautics & Space Admin	983,616	578,973	48,403	317,643	38,597	1,025,831	657,889	186,064	108,544	73,334
National Archives & Records Admin	120	0	70	50	0	0	0	0	0	0
National Science Foundation	527,453	124,395	143,515	172,533	87,010	494,640	158,494	109,500	213,379	13,267
Smithsonian Institution	39,502	36,967	558	1,977	0	3,288	70	3,003	215	0

¹ Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 1999-2001) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-1996). More accurate data for AID will be reported in future volumes of this survey.

NOTE: Data for only those agencies that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For additional notes associated with the agencies listed in this table, refer to appendix B.

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001